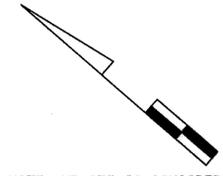


BORDER REV. DATE: June 1, 2004

DRILL HOLES

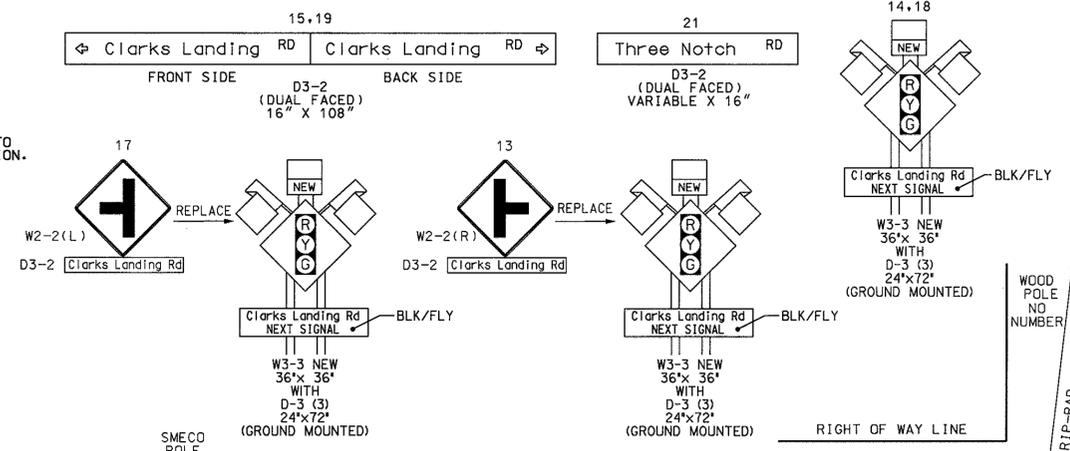
DRILL HOLES

DRILL HOLES

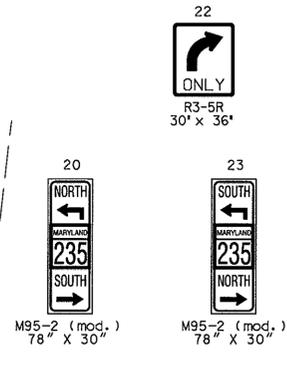


NOTE: MD 235 IS CONSIDERED TO RUN IN A NORTH-SOUTH DIRECTION.

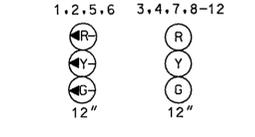
PROPOSED SIGNS con't



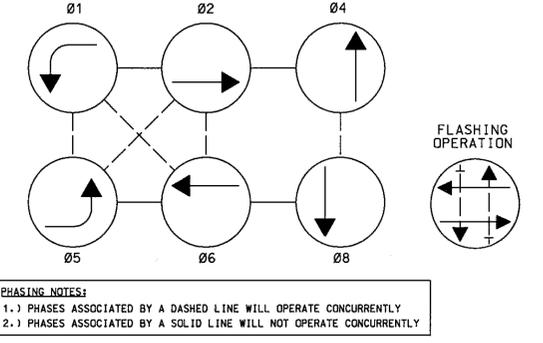
PROPOSED SIGNS



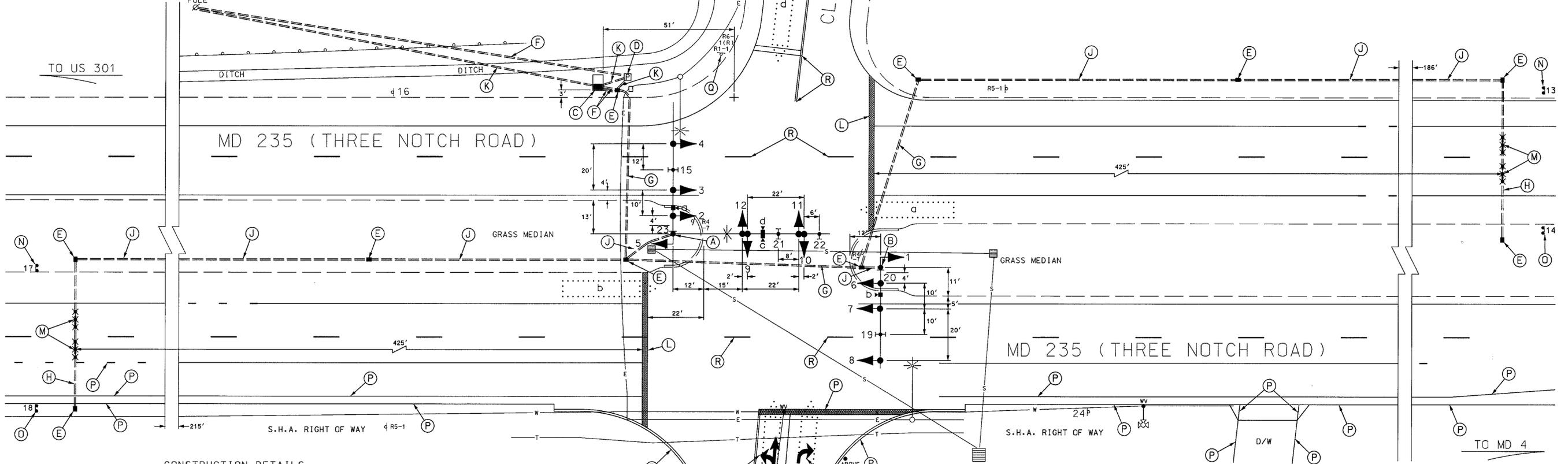
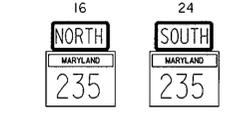
PROPOSED SIGNALS



NEMA PHASING



EXISTING SIGNS



CONSTRUCTION DETAILS

- A. Install 27' steel pole with twin 50'/60' mast arm, traffic signal heads, signs, 20' Lighting arm, 250 Watt HPS lamp with luminaire pole mounted shield assembly and video detection cameras.
B. Install 21' steel pole with single 38' mast arm, traffic signal heads, signs, pole mounted shield assembly, and video detection camera.
C. Install NEMA size "6" base-mounted cabinet and controller with all necessary equipment as shown.
D. Install metered pedestal for electrical utility service equipment.
E. Install handhole.
F. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
G. Install 4" polyvinyl chloride electrical conduit (Schedule 80) (bored).
H. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (bored).
I. Install 3" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
K. Install 2" polyvinyl chloride electrical conduit (Schedule 80) (trenched).
L. Install 24" white heat applied preformed thermoplastic pavement marking. (Stopline)
M. Install non-invasive micro loop probe sets with 1000' lead-in cables.
N. Contractor shall remove existing sign and install ground mounted W3-3, new panel with flags at same location as shown.
O. Install ground mounted W3-3 with new panel and flags about 625' from stopline.
P. All proposed geometrics and pavement markings shall be done by others as shown.
Q. Remove existing stop sign once signal is operational.
R. Remove existing pavement markings as shown.

- GENERAL NOTES:
1. All underground utilities shown on these plans are schematic only and may not be complete. The contractor shall be responsible for notifying "MISS UTILITY" prior to construction so that all utilities may be located in the field.
2. All Traffic Signal Foundations shall be installed at the Final Sidewalk or Curb grade for closed sections.
3. All pavement markings detailed are proposed and are to be installed in accordance with HA standards.
4. New Panel and Flags shall be removed after 90 days and no more than 120 days by District Maintenance.

Table with 2 columns: LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES. Rows include Aerial Cable, Electric, Telephone, Gas, Sewer, Water, and Cable TV, with symbols for proposed and existing utilities.

Logo for Street Traffic Studies, Ltd. (STS) with contact information: 400 Crain Hwy, NW, Glen Burnie, MD 21061, Ph 410-590-5500, Fax 410-590-6537.

Table for Approvals and Revisions. Includes signatures and dates for Team Leader, Asst. Div. Chief, and Division Chief.

Project information block including SHA logo, State of Maryland Department of Transportation, project name 'MD 235 (THREE NOTCH ROAD) AND CLARKS LANDING ROAD', location 'HOLLYWOOD, MARYLAND', and drawing details like 'TRAFFIC SIGNAL PLAN', 'SCALE 1" = 20'', 'DATE 12/03/08', and 'CONTRACT NO. XX4475185'.